

FIG. 1

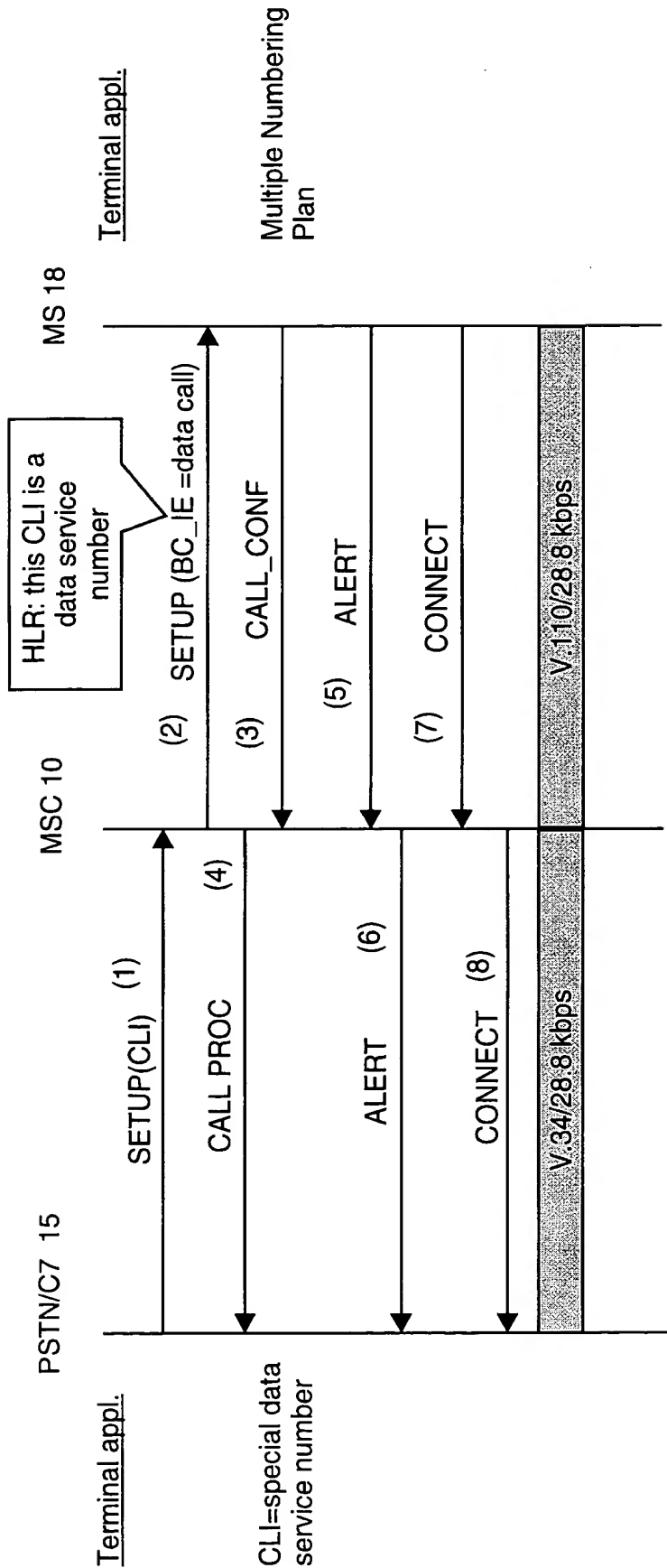


FIGURE 2

3/24

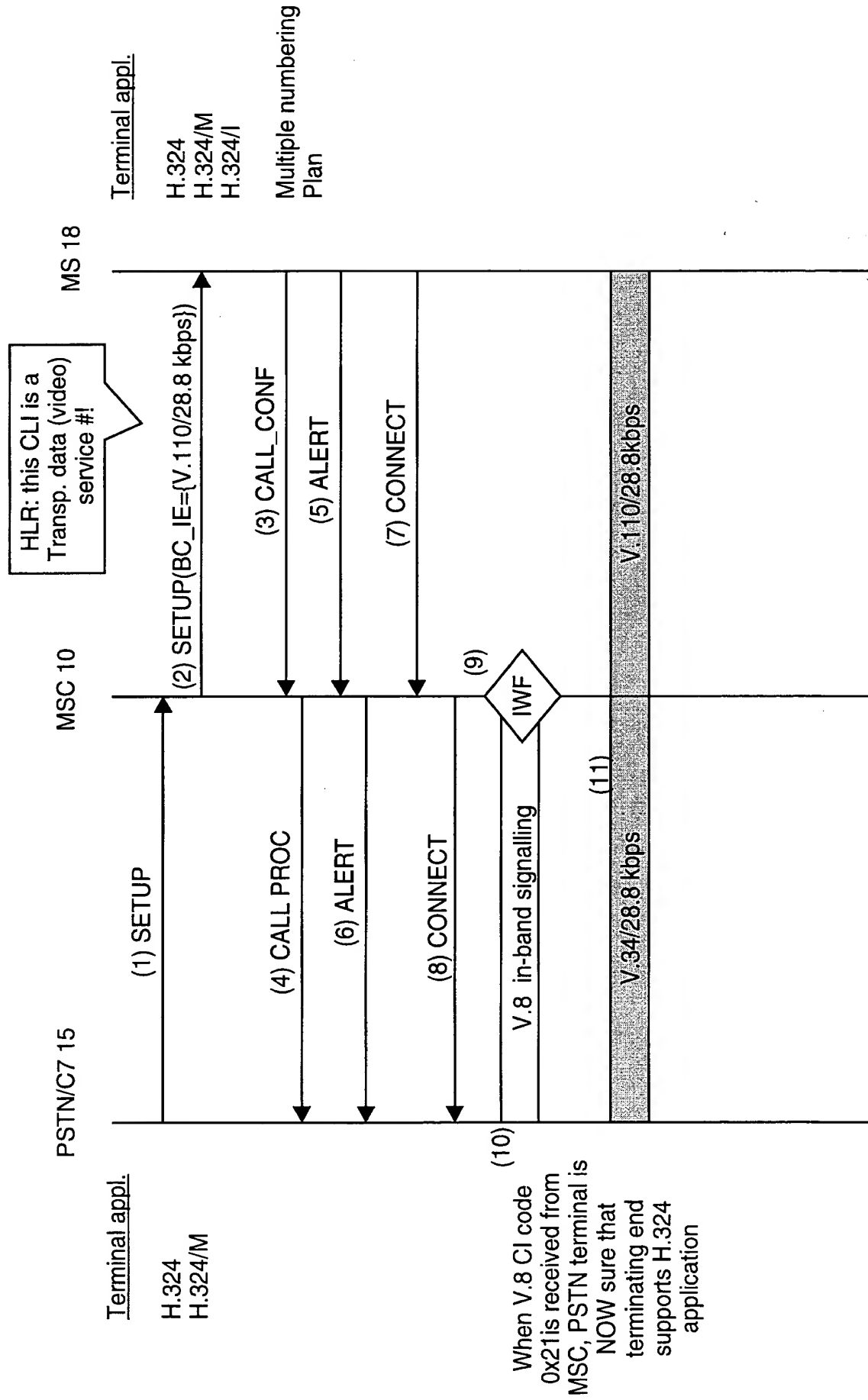


FIGURE 3

4/24

When V.8 CF code  
0x21 is received from  
PSTN, MSC sure that  
originating end supports  
H.324 application

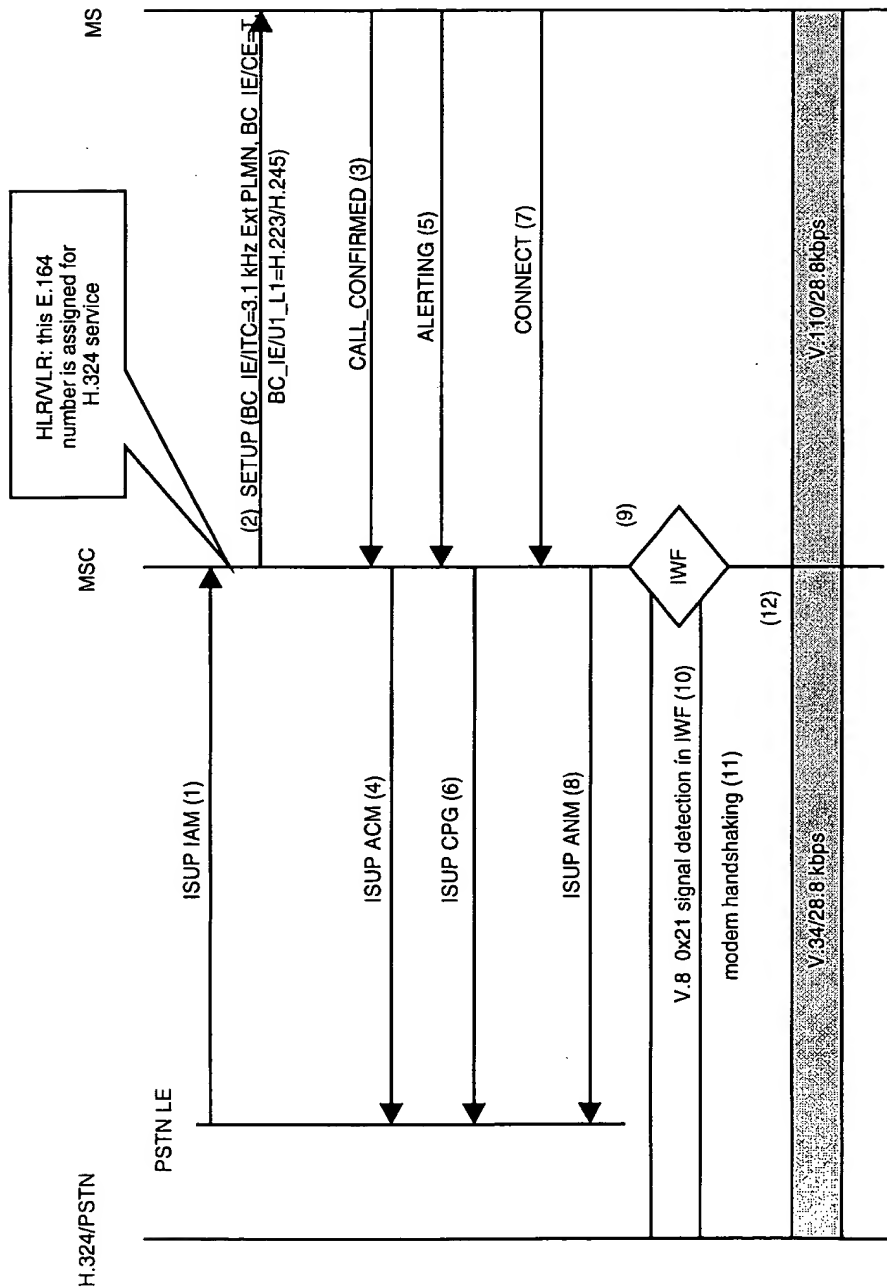


FIGURE 4

5/24

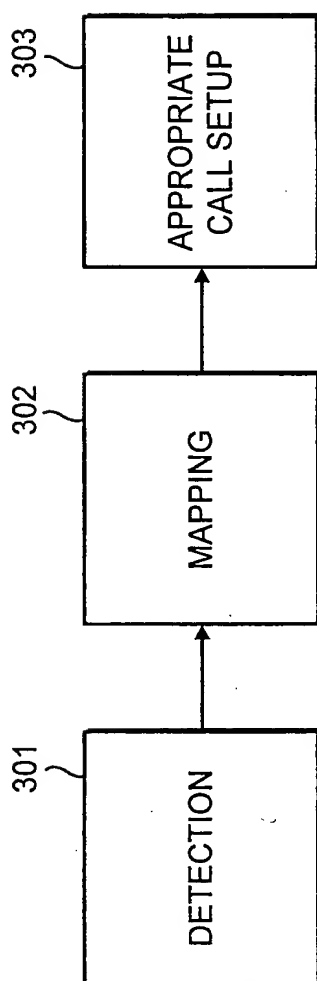


FIG. 5

6/24

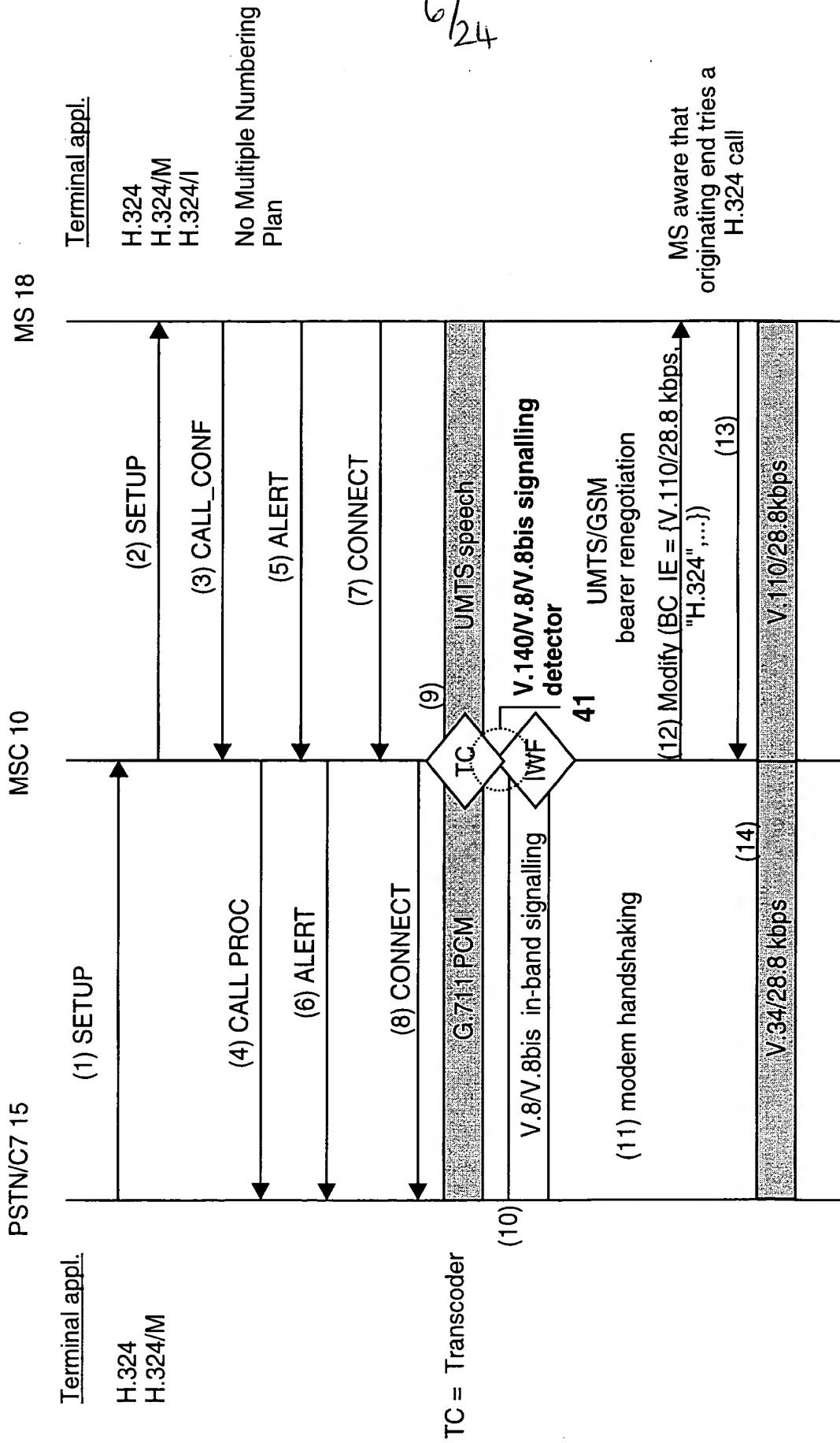


FIGURE 6

7/24

# PSTN-MS direct call involvement, single-numbering Scheme

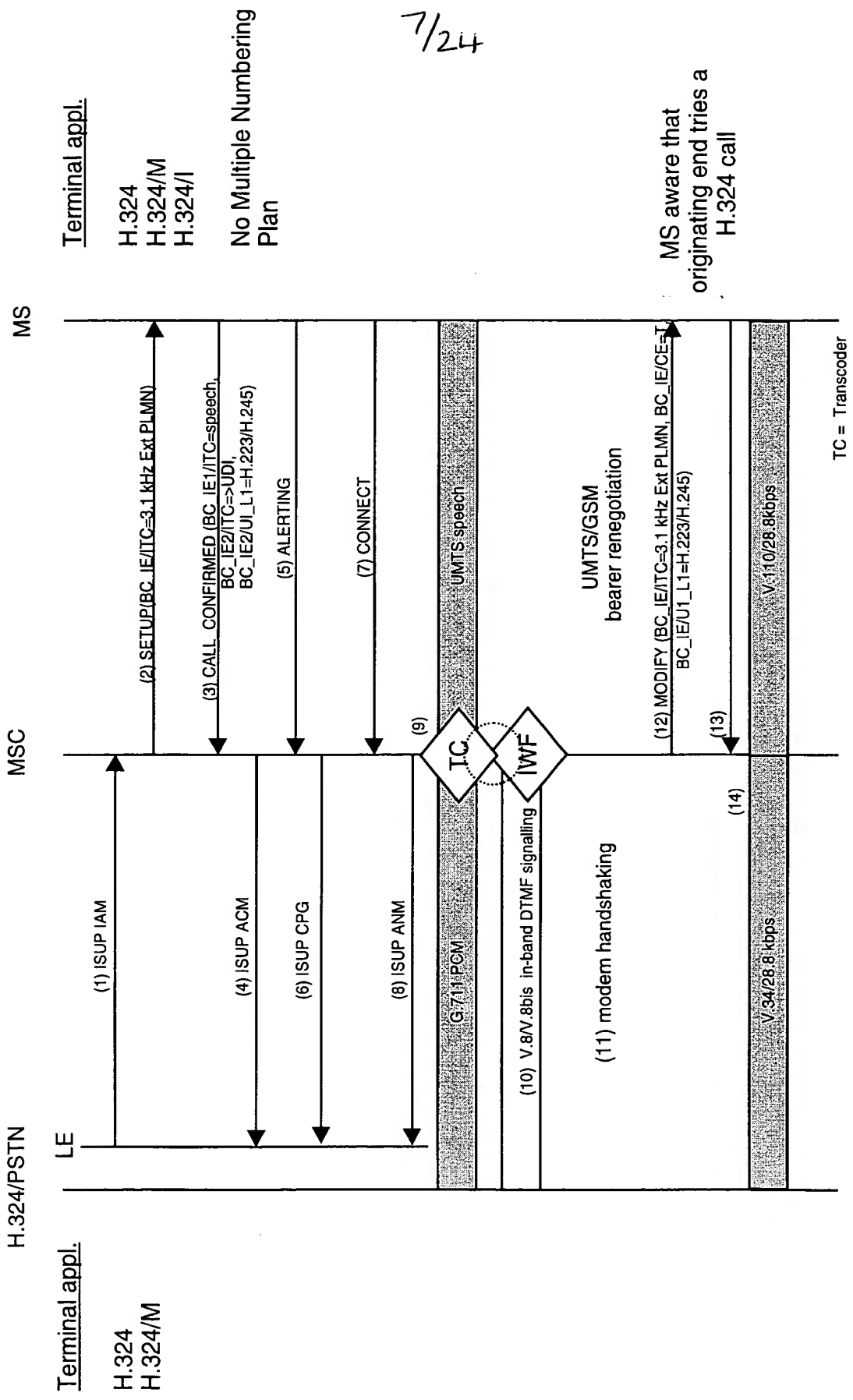
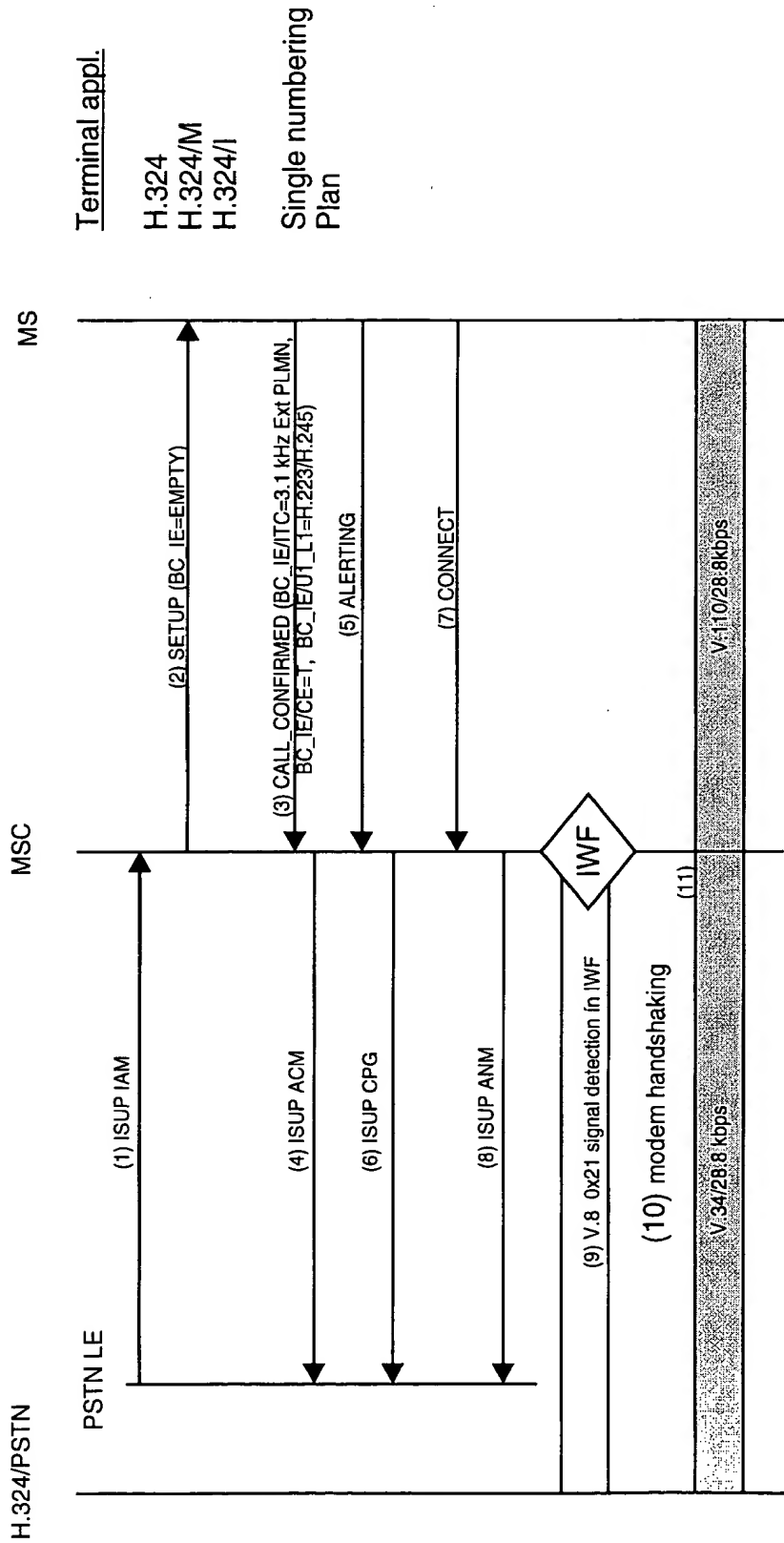


FIGURE 7

# PSTN-MS direct call, single-numbering Scheme



When V.8 CF code  
0x21 is received from  
PSTN, MSC sure that  
originating end supports  
H.324 application

FIGURE 8

09/700690



# MS-PSTN Speech First, with Changeover Using V.8bis

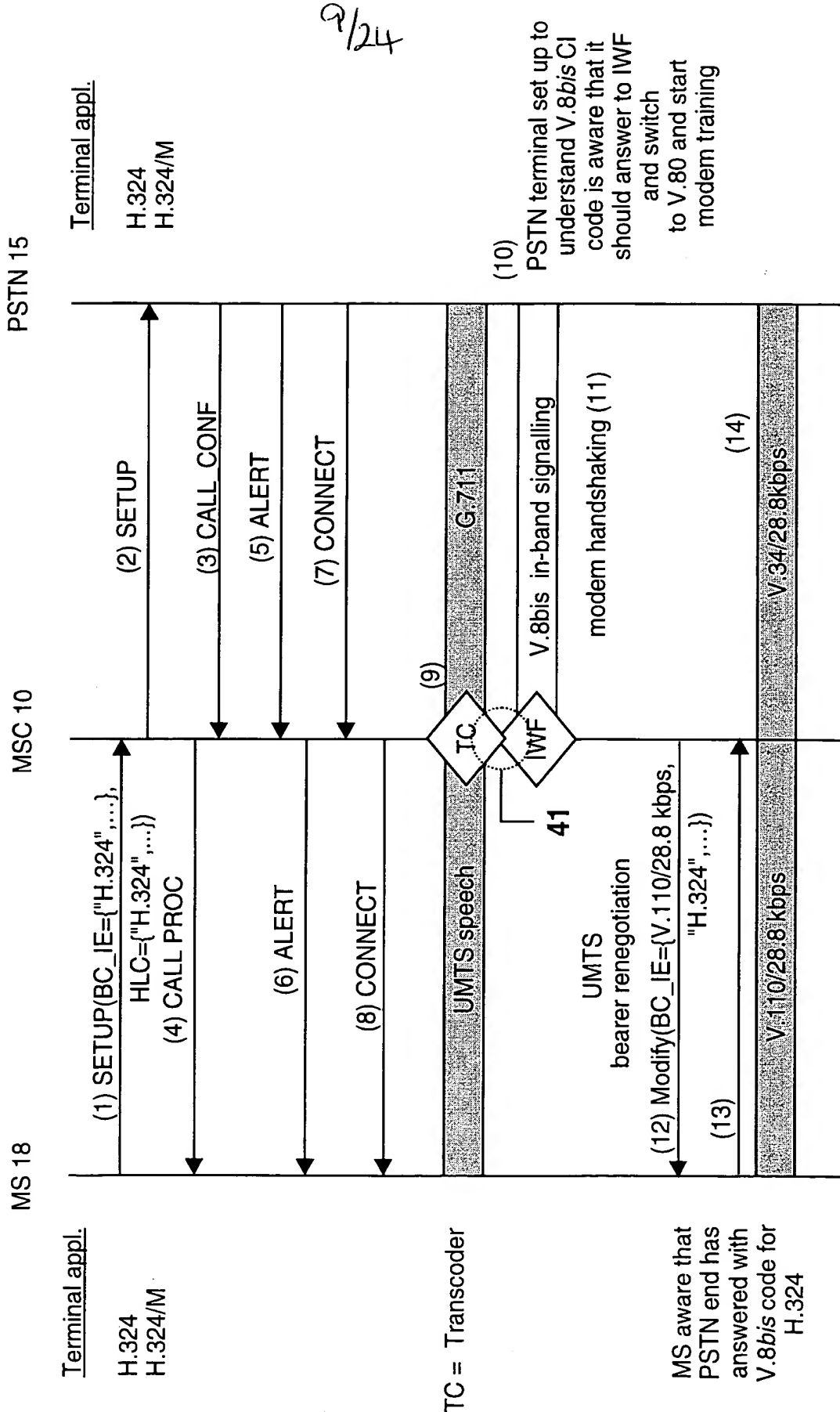


FIGURE 9

# MS - PSTN direct call without V.8bis involvement

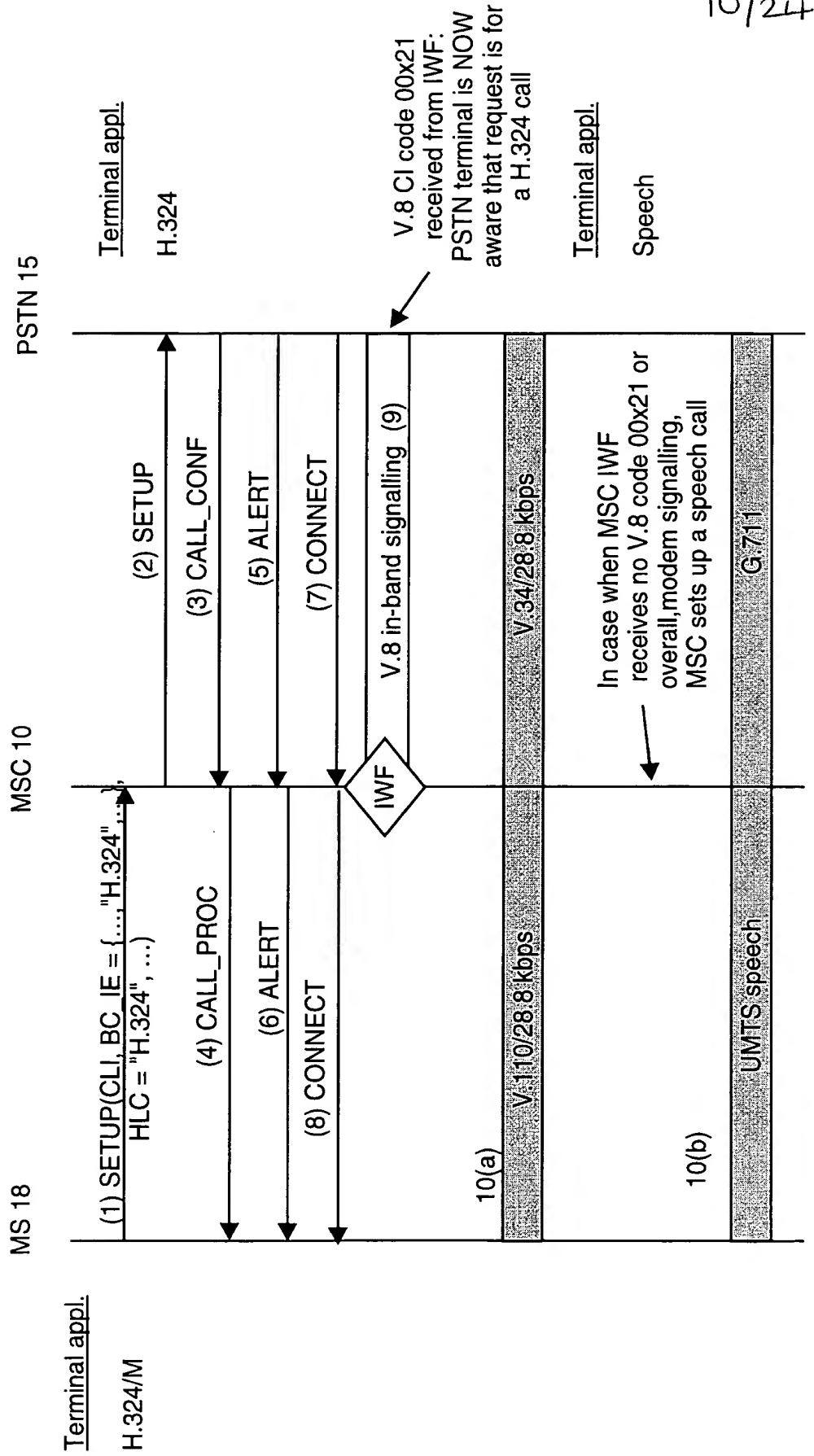


FIGURE 10

09/700690  
10/24

11/24

# MS - PSTN direct call without V.8bis involvement

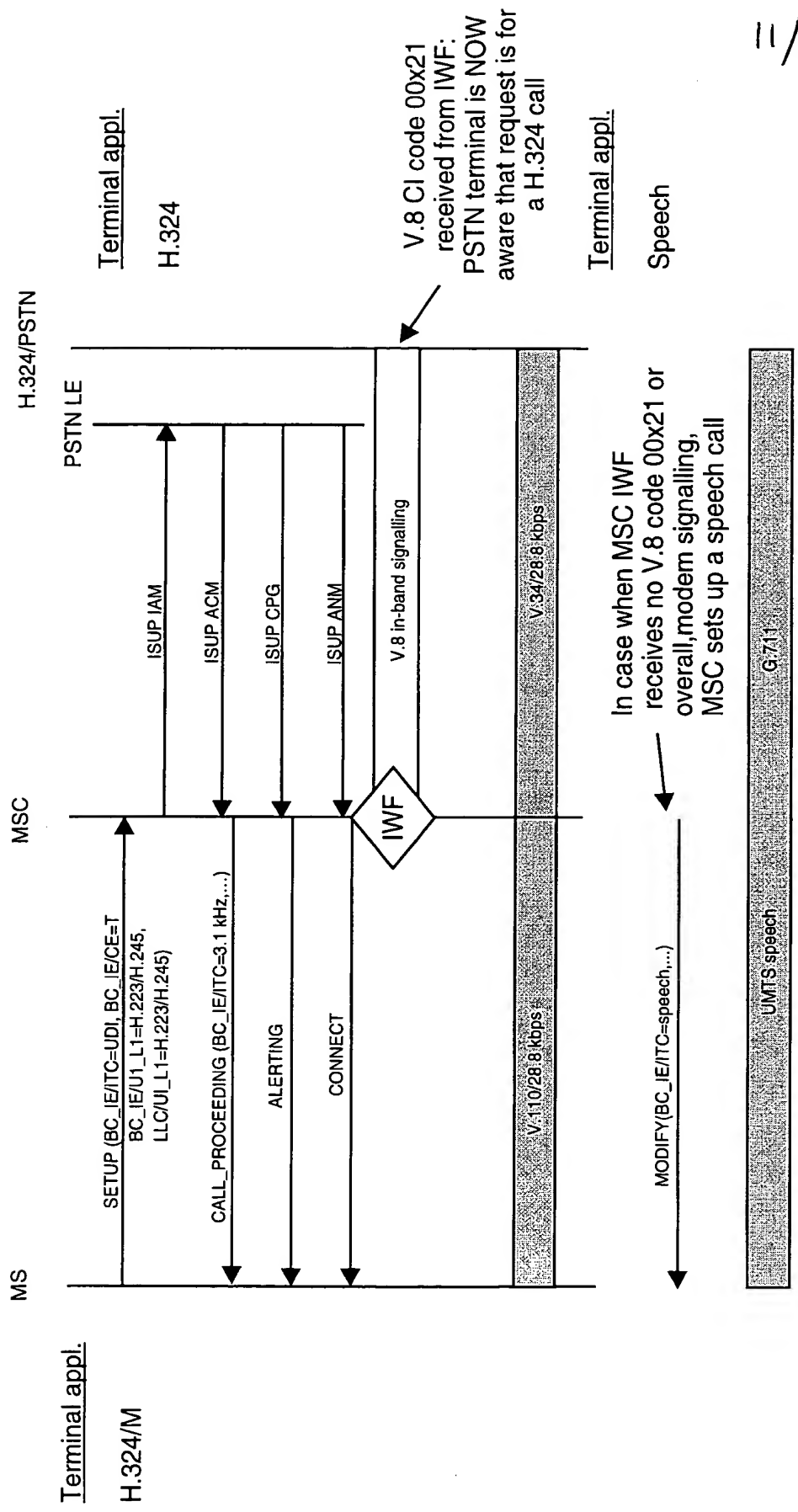


FIGURE 11

# ISDN - UMTS

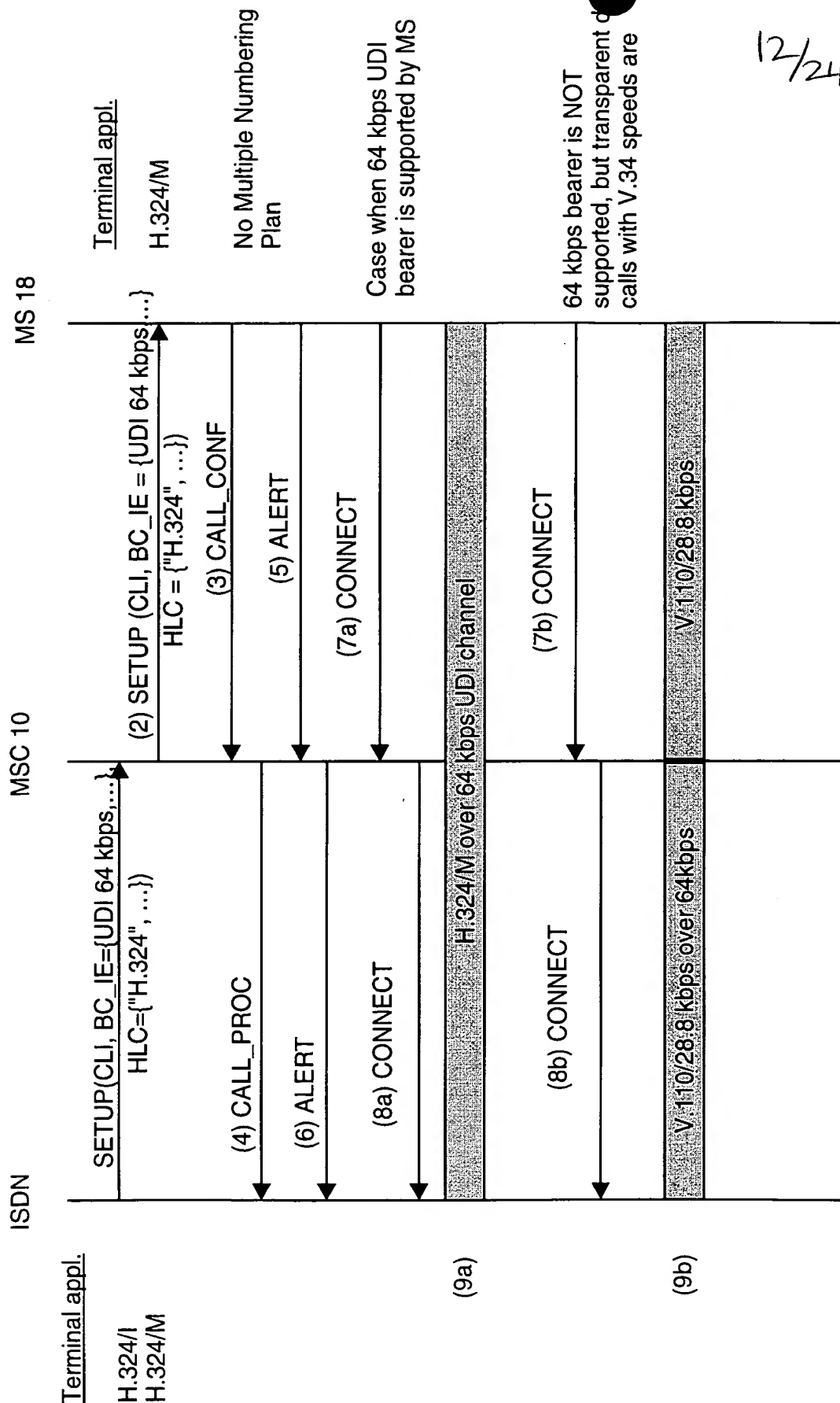


FIGURE 12

09/700690

12/24

# ISDN - UMTS without end-to-end HLC

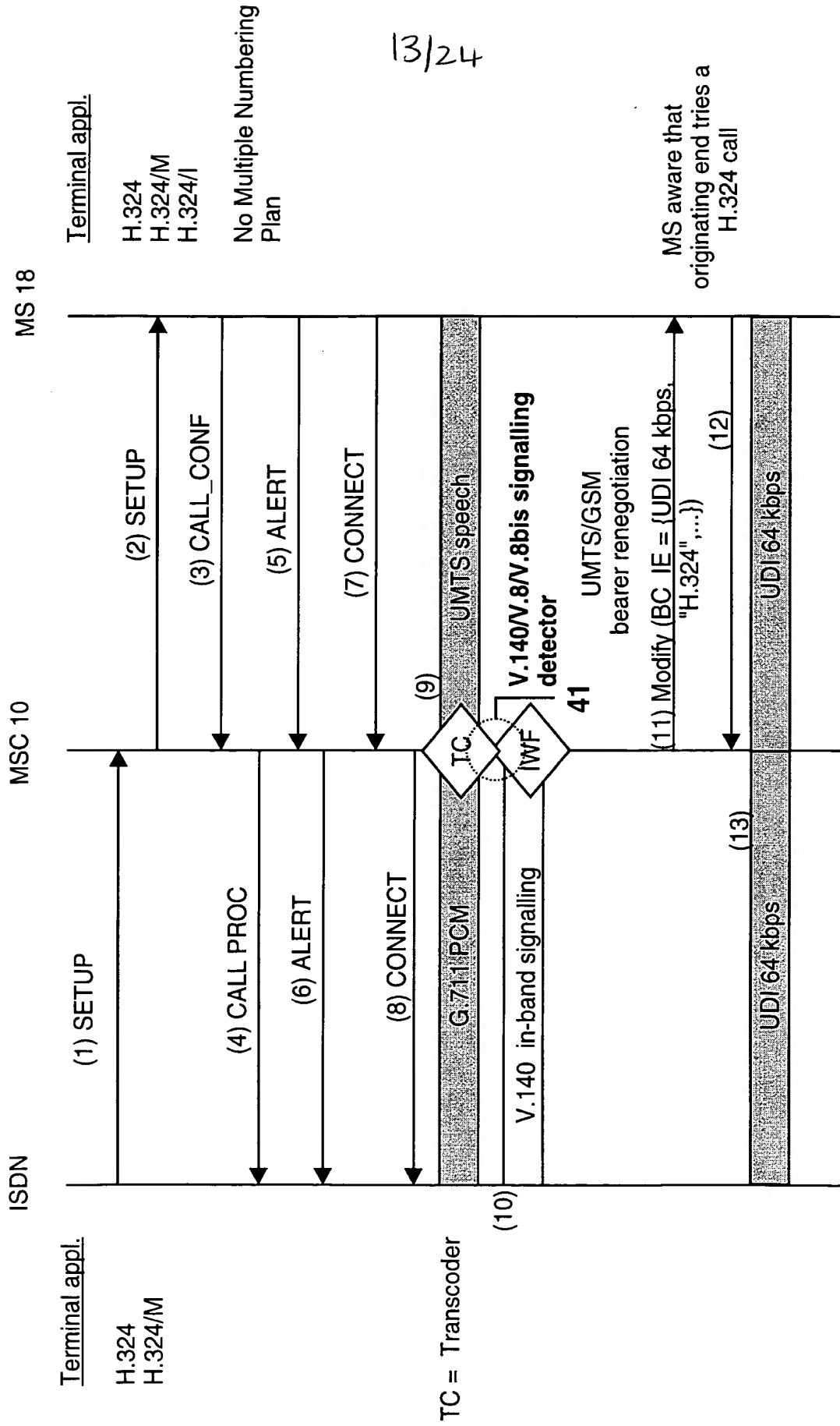


FIGURE 13

# UMTS - ISDN

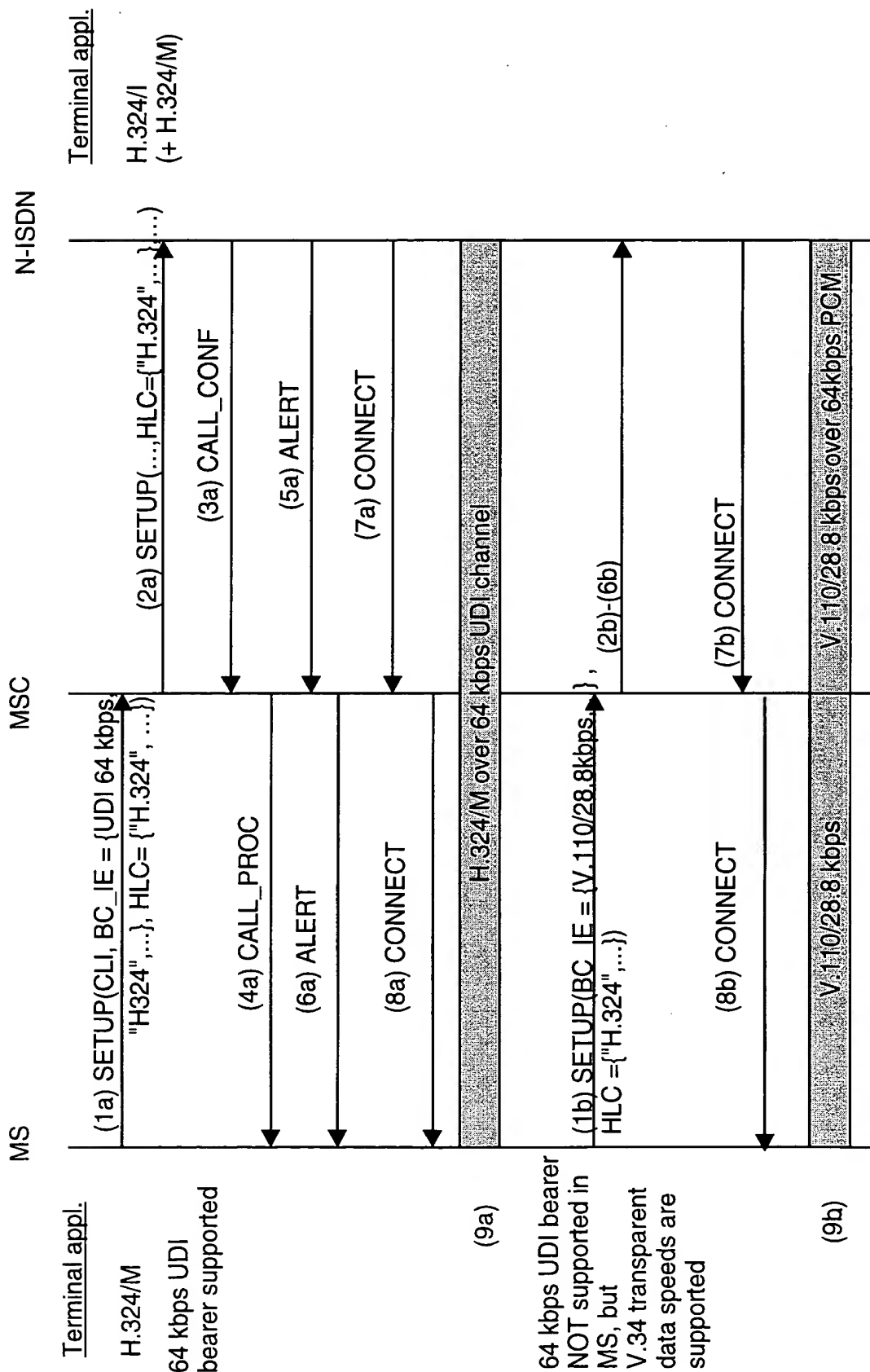


FIGURE 14

# UMTS - ISDN without end-to-end HLC

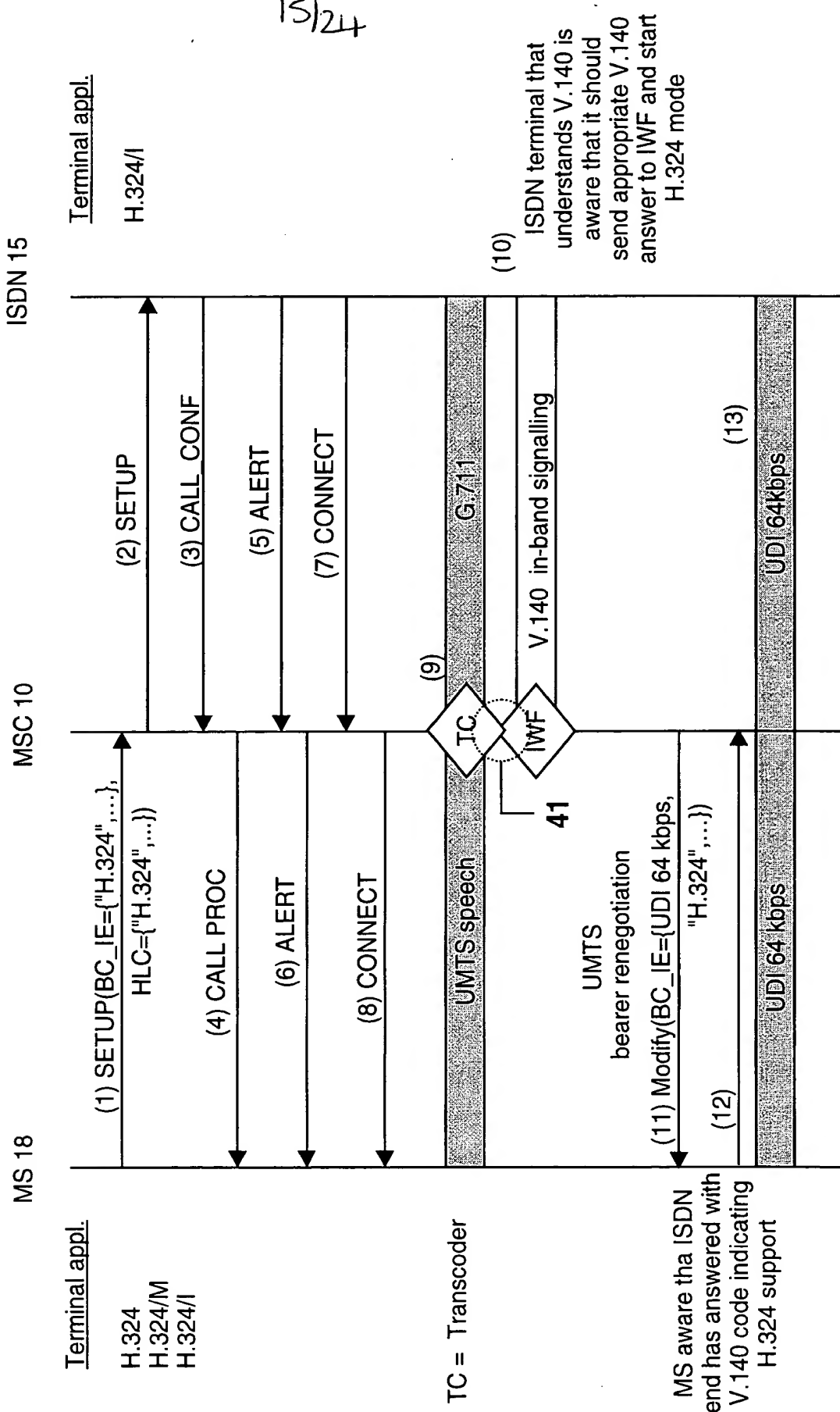


FIGURE 15

# ISDN - UMTS

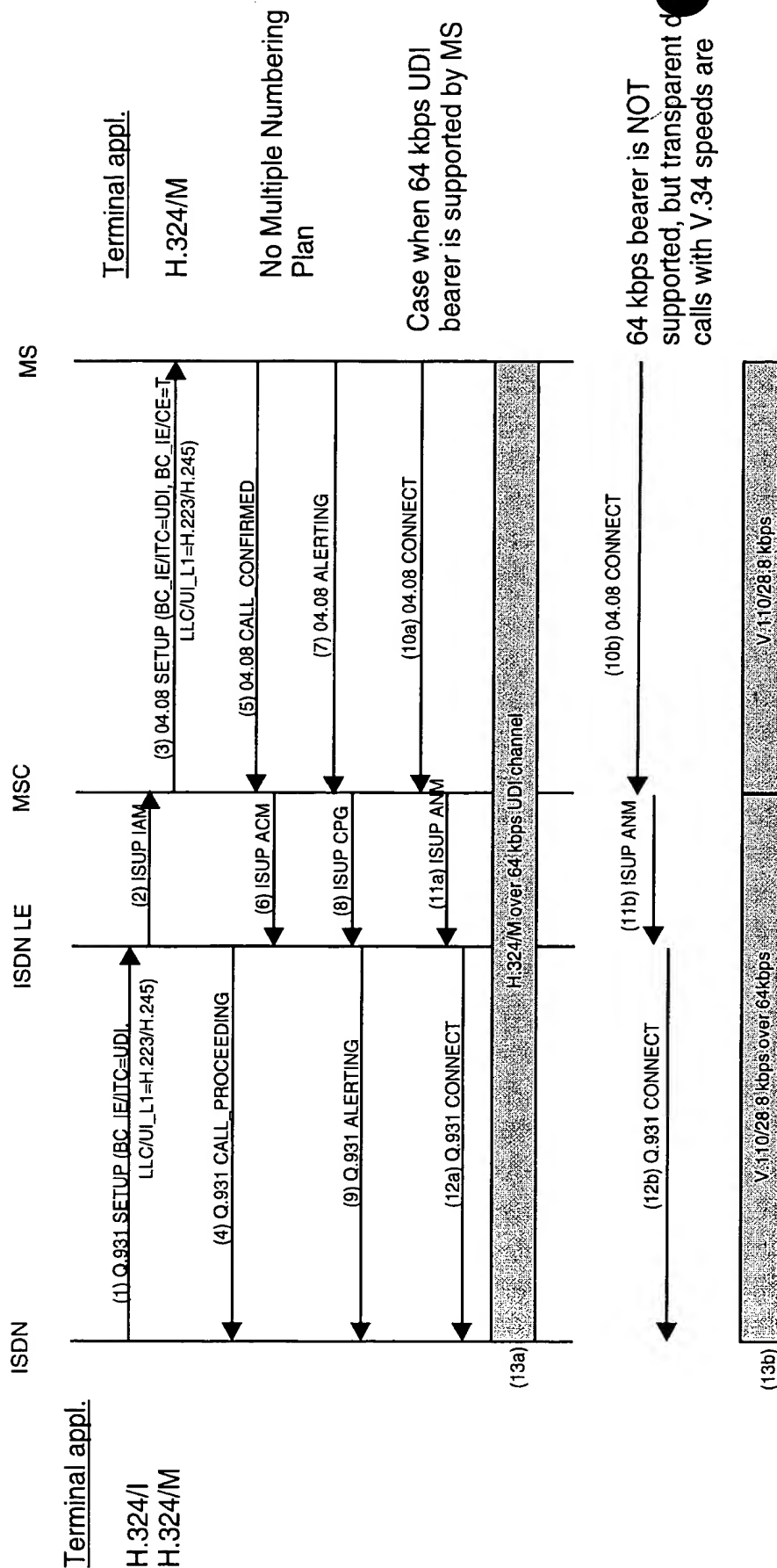


FIGURE 16

09/700690

16/24



# ISDN - UMTS without end-to-end LLC

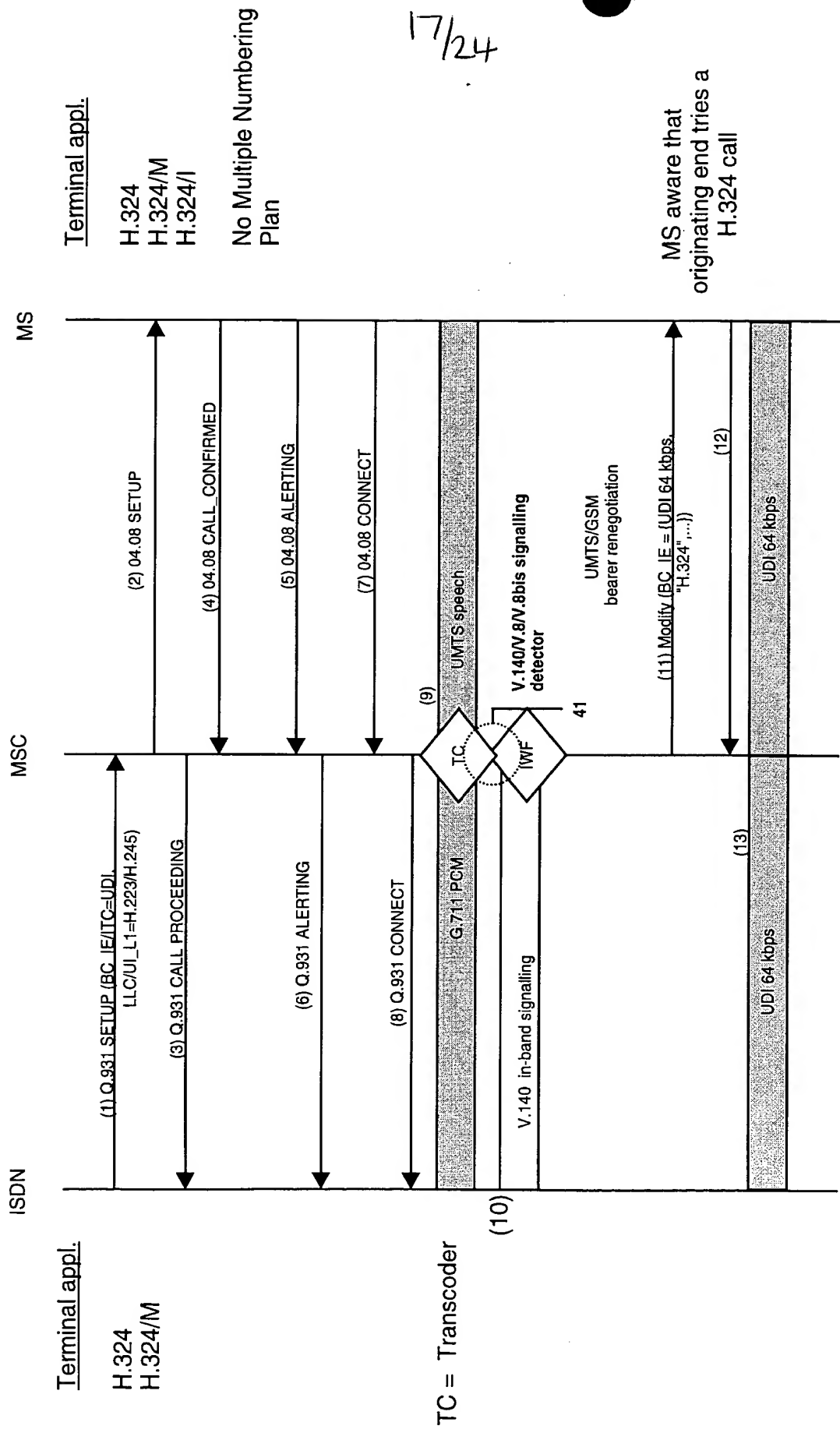


FIGURE 17

09/700690

17/24

# UMTS - ISDN

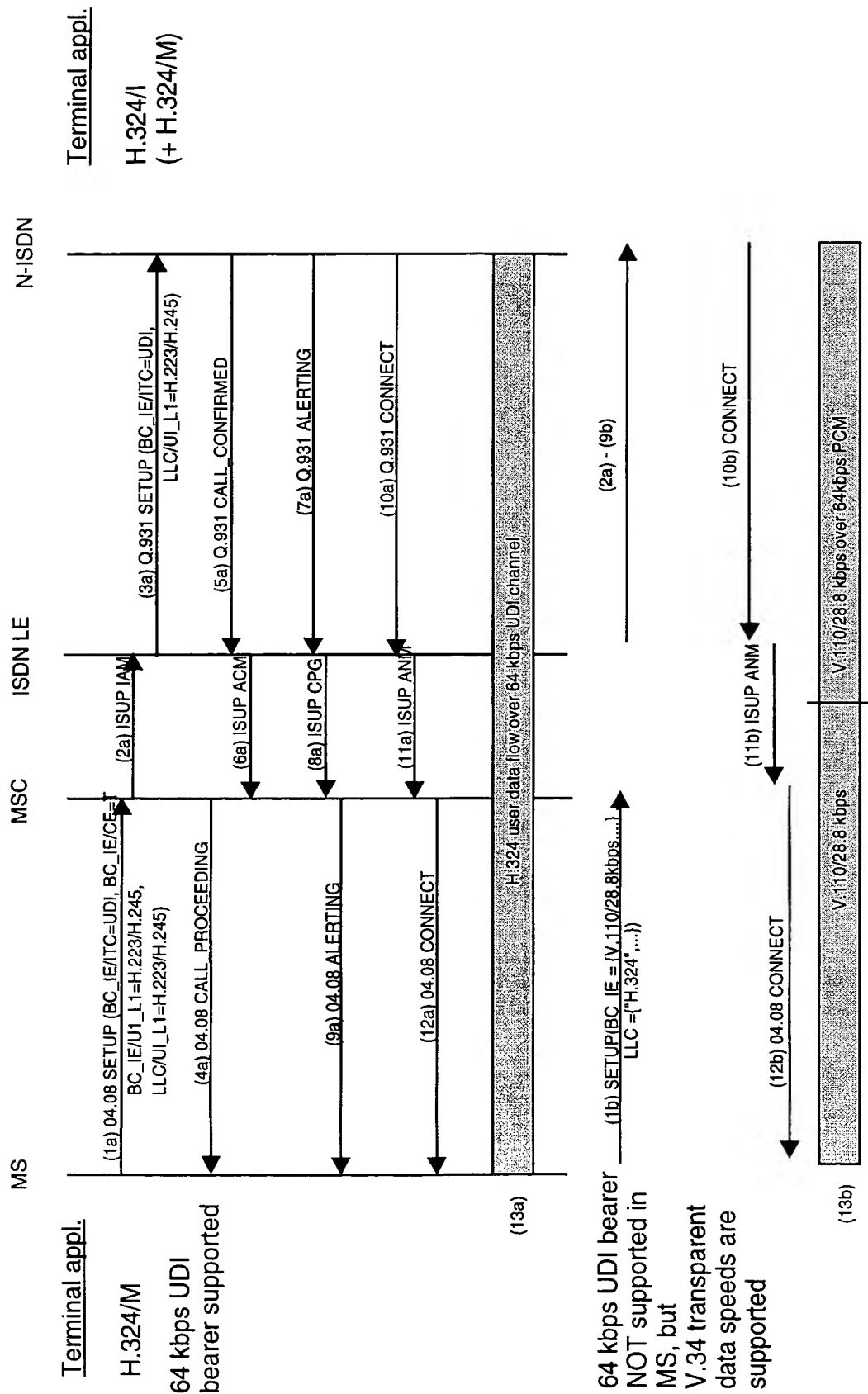


FIGURE 18

# UMTS - ISDN without end-to-end LLC

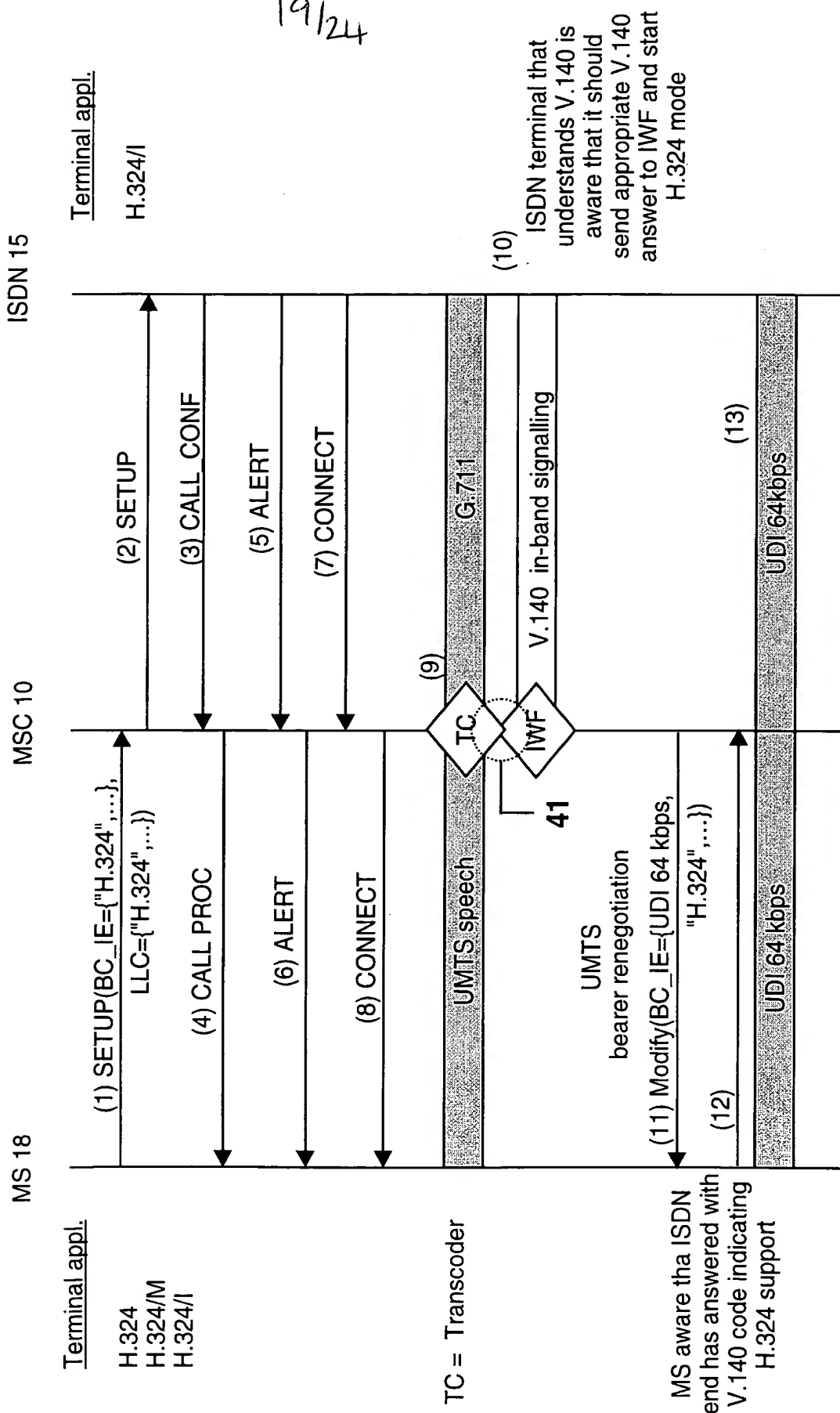


FIGURE 19

20/24

# UMTS - UMTS

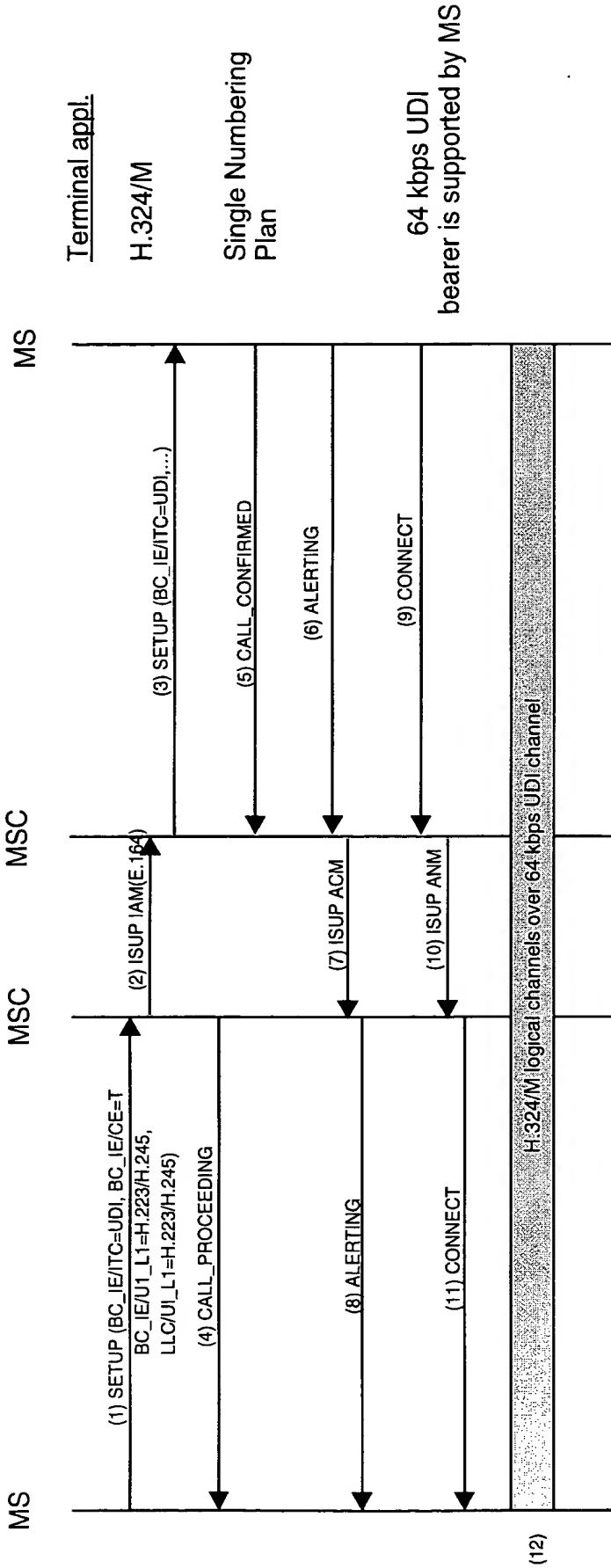


FIGURE 20

# UMTS - 2G

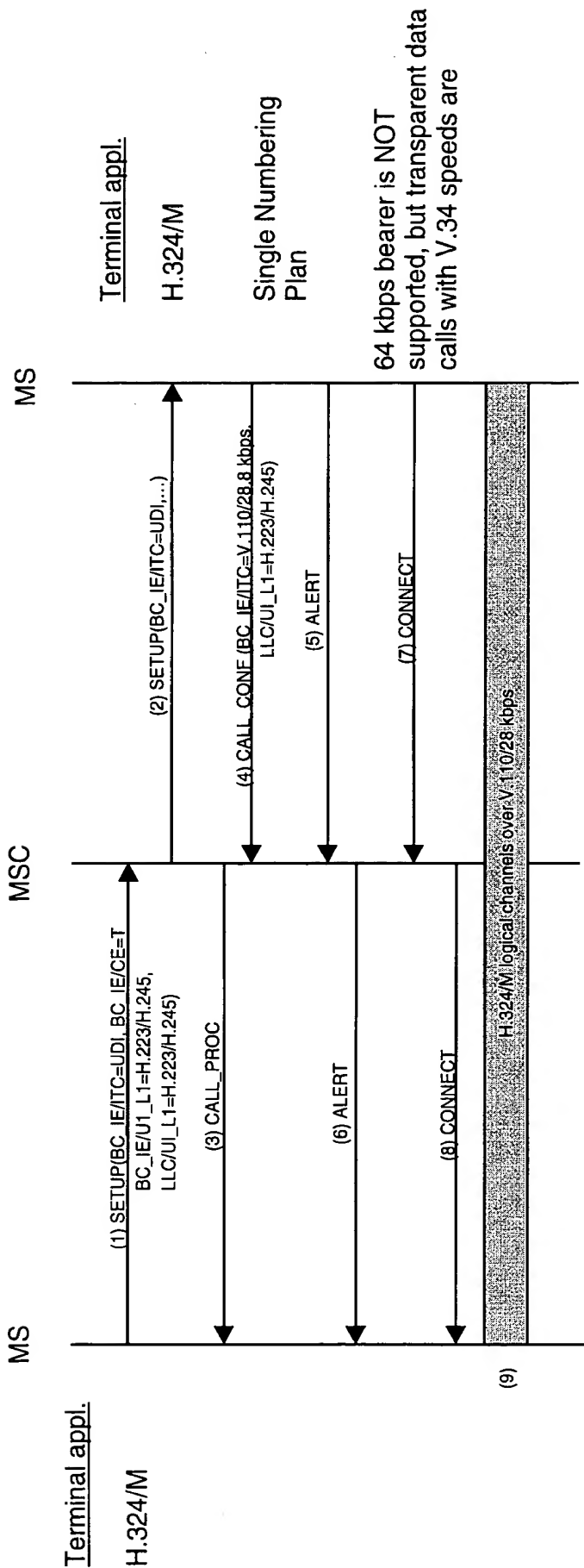


FIGURE 21

22/24

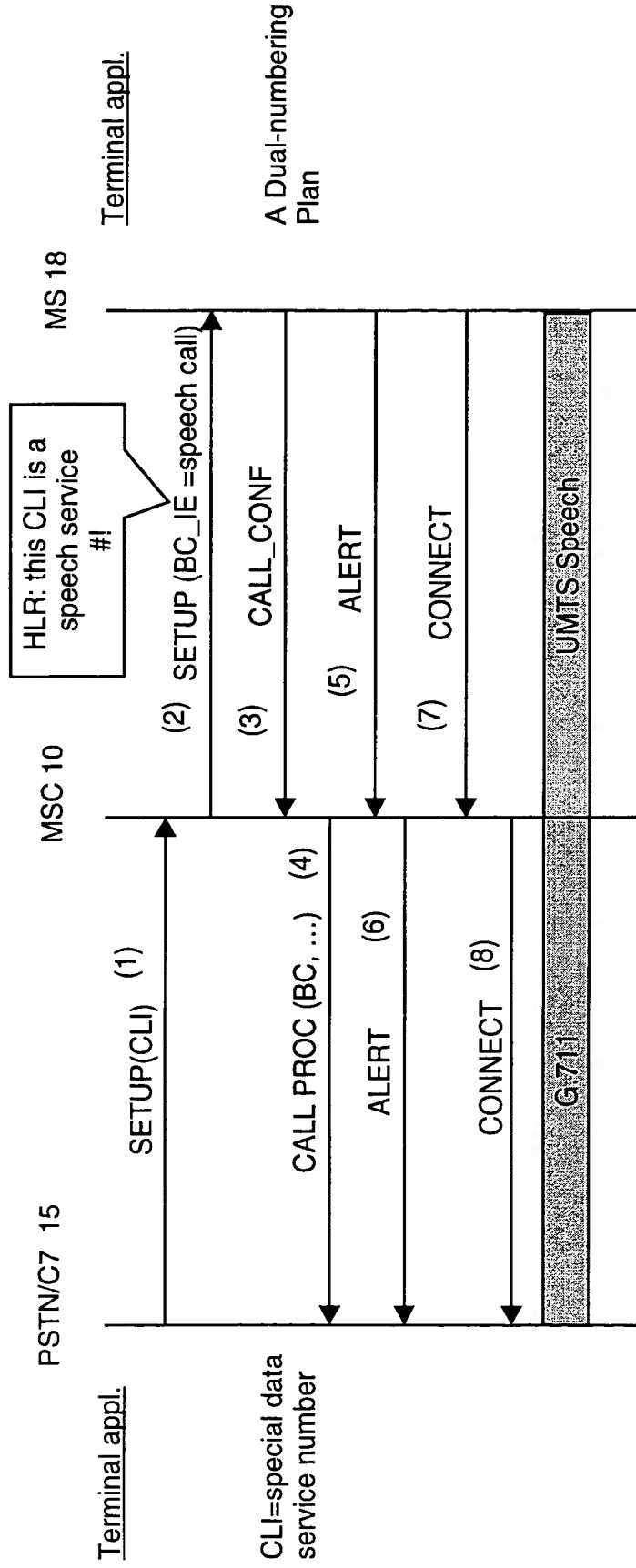


FIGURE 22

23/24

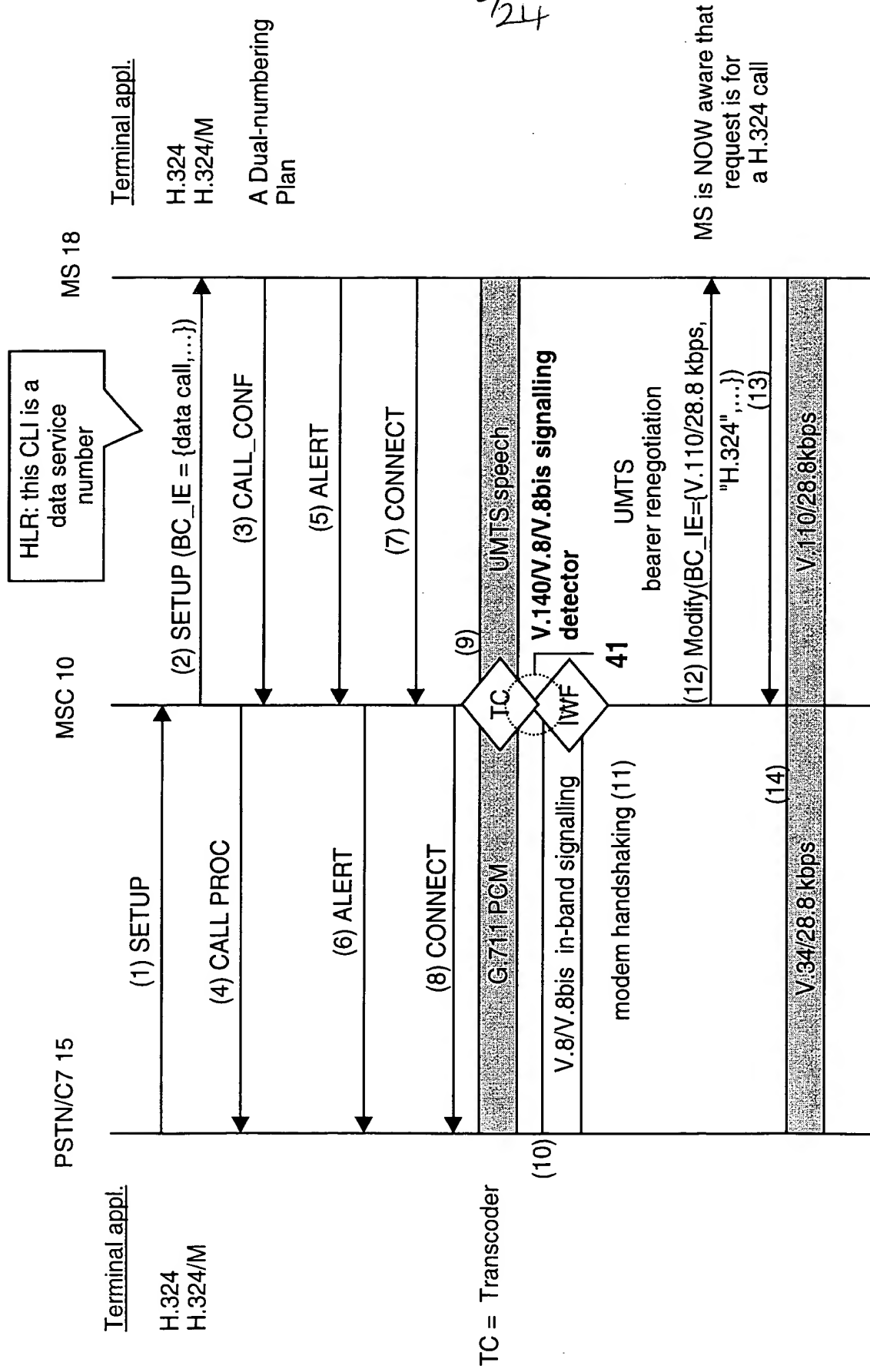


FIGURE 23

V.8	Call function category (Octet – "callf0")	UMTS	Bearer Capability
100	PSTN Multimedia Terminal (Bits 567)		Bearer Capability Information Element
		0	Transfer mode (octet 3)
			Circuit mode (Bit 4)
1	Modulation modes category (Octet – "modn0")		Bearer Capability Information Element
	V.34 duplex availability (Bit 6)	1	Duplex mode (octet 4)
			Full duplex (Bit 4)
V.25ter	Modulation control commands		Bearer Capability Information Element
	Modulation reporting control (+MR)	0	Synchronous/Asynchronous (octet 6)
			Synchronous (Bit 1)
+MCR: V34	+MCR: <carrier>		Bearer Capability Information Element
+MRR: 28800	+MRR: <rate>	00100	Fixed network user rate (octet 6d)
			28.8 kbps (Bits 54321)
V.8bis			Bearer Capability Information Element
	Standard information field - {SPar(1)} coding	1	Acceptable channel codings (octet 6e)
	Standard information field – Data {NPar(2)} coding (Octet 2)		TCH/F14.4 acceptable (Bit 7)
1	Rec. V.34 duplex mode (Bit 5)		Bearer Capability Information Element
		1	Acceptable channel codings (octet 6e)
	Standard information field - {SPar(1)} coding		TCH/F9.6 acceptable (Bit 5)
	Standard information field – H.324 multimedia terminal {NPar(2)} coding	1	Bearer Capability Information Element
1	Video (Bit 1)		Acceptable channel codings (octet 6e)
		1	TCH/F4.8 acceptable (Bit 4)
	Standard information field - {SPar(1)} coding		Bearer Capability Information Element
	Standard information field – H.324 multimedia terminal {NPar(2)} coding		Maximum number of traffic channels (octet 6e)
1	Audio (Bit 2)	001	2 TCH (Bits 321)
			Bearer Capability Information Element
		00	Connection element (octet 6c)
			Transparent (Bits 76)
			Bearer Capability Information Element
		10	Other modem type (octet 6d)
			V.34 (Bits 76)
			High Layer Compatibility
			High Layer Compatibility Information Element
			High layer characteristics identification (octet 4)
		1100001	PSTN Multimedia Terminal (Bits 7654321)

Figure 24